

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF EVANSVILLE MSA LIMITED )	
PARTNERSHIP FOR THE ISSUANCE OF A )	
CERTIFICATE OF PUBLIC CONVENIENCE AND )	
NECESSITY TO CONSTRUCT A NEW CELL )	
FACILITY FOR ITS DOMESTIC PUBLIC )	CASE NO. 89-297
CELLULAR RADIO TELECOMMUNICATIONS )	
SERVICE IN THE OWENSBORO, KENTUCKY )	
METROPOLITAN STATISTICAL AREA )	

O R D E R

IT IS ORDERED that Evansville MSA Limited Partnership ("Evansville") shall file the original and ten copies of the following with the Commission, with a copy to all parties of record. The information requested herein is due no later than December 8, 1989.

1. Identify the rock formation by name and rock type (principle) on which the tower will be constructed.

2. (a) Has core drilling been conducted on the site to determine the rock types and structures present? If not, why not? If yes, explain thoroughly.

(b) Have other methods been used? If yes, provide. .

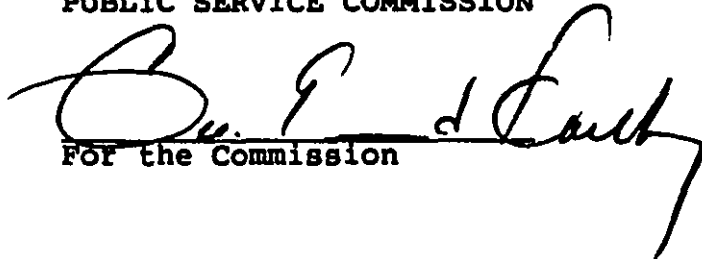
3. (a) Have you determined whether any of the coal seams identified in this part of Owensboro (beneath this site specifically) have been mined in the past?

(b) Any strip mining?

- (c) Any (house coal) underground mining?
- 4. (a) How thick is the soil and weathered rock horizon?  
(b) How deep is firm and solid bedrock?
- 5. (a) What was the elevation of the 1937 flood?  
(b) What is tower foundation elevation?
- 6. (a) Given the seismic activity of Western Kentucky and the potential for an earthquake capable of causing considerable damage in this immediate area, what steps have you taken to ensure this tower will survive an episode of a strong ground shaking?  
(b) If it falls as a result of such an event, how many residences are within reach or in danger of being damaged?
- 7. Are you aware that structures constructed directly on bedrock experience less movement during earthquake shaking than those structures built on a soil horizon?
- 8. What steps have you taken to ensure this tower will survive an episode of a strong tornado? Explain thoroughly.
- 9. Describe in detail the qualifications and experience of personnel directly responsible for the construction of the proposed tower.
- 10. Provide a diagram showing all structures within 500 feet from the proposed cell site.
- 11. Provide a toll free number or provision for accepting collect calls, and point of contact, for customer complaints.

Done at Frankfort, Kentucky, this 22nd day of November, 1989.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

---

Executive Director